

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

Listing of the Claims

1. (Currently Amended) A computer-readable medium having a data structure for managing reproduction of at least still images, comprising:

a first navigation area storing a playlist file, the playlist file including a ~~first navigation information playitem~~, the ~~first navigation information playitem~~ indicating an in-point of a clip stream file including video data and an out-point of ~~[[a]] the clip stream file, which includes video data,~~ to display as a still image, and the playitem including [[a]] first duration information indicating whether to display the still image for one of a finite and an infinite period of time; and

a second navigation area storing a clip information file, the clip information file including ~~[[a]]~~ mapping information between a presentation time and a unit of the clip stream file.

2-3. (Cancelled)

4. (Currently Amended) The computer-readable medium of claim ~~2~~ 1, wherein the playitem includes an indicator indicating whether to display a still image.

5. (Cancelled)

6. (Currently Amended) The computer-readable medium of claim ~~2~~ 1, wherein ~~the second navigation file is a clip information file and~~ the playitem

includes an indicator indicating a file name of the clip information file associated with the clip stream file.

7. (Currently Amended) The computer-readable medium of claim 6, wherein the playlist includes an indicator indicating an STC id for a portion of the clip stream file indicated by the clip information file name.

8. (Currently Amended) The computer-readable medium of claim ~~2~~ 1, wherein the playlist file further includes at least one playlist mark pointing to the still image in the clip stream file.

9-11. (Cancelled)

12. (Currently Amended) The computer-readable medium of claim 1, wherein the ~~first navigation information~~ playlist includes a second duration information indicating ~~indicates~~ a length of time to display the still image when the first ~~navigation~~ duration information indicates to display the still image for a finite period of time.

13. (Cancelled)

14. (Currently Amended) The computer-readable medium of claim 1, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of the I picture, B picture, and P picture in the clip stream file as the still image.

15. (Cancelled)

16. (Currently Amended) A method of reproducing still images from a recording medium, comprising:

reproducing a first playlist file and ~~second navigation~~ a clip information files, the ~~first navigation~~ playlist file including a ~~first navigation information~~ playitem, the ~~first navigation information~~ playitem indicating an in-point of a clip stream file including video data and an out-point of [[a]] the clip stream file, ~~which includes video data~~, to display as a still image, and the playlist file including [[a]] first duration information indicating whether to display the still image for one of a finite and an infinite period of time and the ~~second navigation~~ clip information file including [[a]] mapping information between a presentation time and a unit of the clip stream file; and

reproducing a still image from the clip stream file recorded on the recording medium based on the reproduced the playlist file and clip information file ~~first and second navigation files~~.

17. (Cancelled)

18. (Currently Amended) An apparatus for reproducing a still image recorded on a recording medium, comprising:

an pick up configured to reproduce data recorded on the recording medium;

a controller configured to control the pick up to reproduce a first playlist file and ~~second navigation~~ a clip information files, the ~~first navigation~~ playlist file including a ~~first navigation information~~ playitem, the ~~first navigation information~~ playitem indicating an in-point and an out-point of a clip stream file including video data and an out-point of [[a]] the clip stream file, ~~which includes video data~~, to display as a still image, and the playlist file including [[a]] first duration information indicating whether to display the still image for one of a finite and an infinite period of time, and the ~~second navigation~~ clip information file including [[a]] mapping information between a presentation time and a unit of the clip stream file, and the controller configured to reproduce a still image from the clip stream file recorded on the recording

medium based on the reproduced ~~the~~ playlist file and clip information file ~~first and second navigation files~~.

19. (Currently Amended) A method of recording a data structure for managing reproduction of at least still images, comprising:

recording a ~~first navigation~~ playlist file including a ~~first navigation information~~ playitem, the ~~first navigation information~~ playitem indicating an in-point and an out-point of a clip stream file including video data and an out-point of ~~[[a]] the clip stream file, which includes video data,~~ to display as a still image, and the playitem including [[a]] first duration information indicating whether to display the still image for one of a finite and an infinite period of time; and

recording a ~~second navigation~~ clip information file including ~~[[a]]~~ mapping information between a presentation time and a unit of the clip stream file.

20. (Currently Amended) An apparatus for recording a still image recorded on a recording medium, comprising:

an pick up configured to record data on the recording medium;

a controller configured to control the pick up to record a playlist file ~~first and a clip information file~~ ~~second navigation files~~, the ~~first navigation~~ playlist file including a ~~first navigation information~~ playitem, the ~~first navigation information~~ playitem indicating an in-point and an out-point of a clip stream file including video data and an out-point of ~~[[a]] the clip stream file, which includes video data,~~ to display as a still image, and the playlist file including [[a]] first duration information indicating whether to display the still image for one of a finite and an infinite period of time, and the ~~second navigation~~ clip information file including ~~[[a]]~~ mapping information between a presentation time and a unit of the clip stream file.

21. (Cancelled)

22. (Currently Amended) The method of claim ~~21~~ 16, wherein the playitem includes an indicator indicating whether to display a still image.

23. (Cancelled)

24. (Currently Amended) The method of claim 16, wherein the ~~first navigation information~~ playitem includes a second duration information indicating ~~indicates~~ a length of time to display the still image when the first ~~navigation~~ duration information indicates to display the still image for a finite period of time.

25. (Currently Amended) The method of claim 16, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip stream file as the still image.

26. (Cancelled)

27. (Currently Amended) The apparatus of claim ~~26~~ 18, wherein the playitem includes an indicator indicating whether to display a still image.

28. (Cancelled)

29. (Currently Amended) The apparatus of claim 18, wherein the ~~first navigation information~~ playitem includes second duration information indicates indicating a length of time to display the still image when the first ~~navigation~~ duration information indicates to display the still image for a finite period of time.

30. (Currently Amended) The apparatus of claim 18, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip stream file as the still image.

31. (Canceled)

32. (Currently Amended) The method of claim ~~31~~ 19, wherein the playitem includes an indicator indicating whether to display a still image.

33. (Cancelled)

34. (Currently Amended) The method of claim 19, wherein the playitem includes second duration ~~first navigation~~ information ~~indicates~~ indicating a length of time to display the still image when the first ~~navigation~~ duration information indicates to display the still image for a finite period of time.

35. (Currently Amended) The method of claim 19, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip stream file as the still image.

36. (Cancelled)

37. (Currently Amended) The apparatus of claim ~~36~~ 20, wherein the playitem includes an indicator indicating whether to display a still image.

38. (Cancelled)

39. (Currently Amended) The apparatus of claim 20, wherein the ~~first navigation information~~ playitem includes a second duration information indicating ~~indicates~~ a length of time to display the still image when the first ~~navigation~~ duration information indicates to display the still image for a finite period of time.

40. (Currently Amended) The apparatus of claim 20, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip stream file as the still image.

* * * * *

END OF CLAIM LISTING